

#15 2634

PTO/SB/21 (05-03)  
Approved for use through 04/30/2003. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
Under the Paper Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

<b>TRANSMITTAL FORM</b> <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/054,327	
	Filing Date	November 13, 2001	
	First Named Inventor	Whu-Ming Young	
	Art Unit	2634	
	Examiner Name	Fan, Chieh M.	
Total Number of Pages in This Submission	6	Attorney Docket Number	0200109C2

DEC 01 2003

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement  <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): 1. Postcard 2. Copy of Assignment
<div>RECEIVED NOV 26 2003 Technology Center 2600</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	Farshad Farjani, Esq., Reg. No. 41,014 Farjani & Farjani LLP
Signature	
Date	November 20, 2003

CERTIFICATE OF TRANSMISSION/MAILING			
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.			
Type or printed	Sukhie Bal		
Signature		Date	November 20, 2003

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

In you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

*Duplicate*

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE



Applicant(s): Liu, et al.

Application Serial No.: 10/054,327

Filed: November 13, 2001

Title: DSL Link with Embedded Control  
and Multi-Channel Capability

Group Art Unit: 2634

Examiner: Fan, Chieh M.

Customer Number 25700

Customer Number  
Bar Code Label:



25700

PATENT TRADEMARK OFFICE

REVOCATION AND POWER OF ATTORNEY

RECEIVED

NOV 26 2003

Technology Center 2600

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir/Madam:

Applicant of the above-identified patent application hereby revokes all previous powers of attorney given in this application and appoints Michael Farjami, Reg. No. 38,135; Farshad Farjami, Reg. No. 41,014, all attorneys, with full power of substitution and revocation, to prosecute this application, to make alterations and amendments thereto, to receive communications from the Patent and Trademark Office and to transact all business in the Patent and Trademark Office connected therewith.

Please direct all communications to:

**Michael Farjami, Esq.**  
**FARJAMI & FARJAMI LLP**

**Customer Number 25700**

**16148 Sand Canyon**  
**Irvine, California 92618**  
**Telephone: (949) 784-4600**  
**Facsimile: (949) 784-4601**

Customer Number  
 Bar Code Label:



**25700**

PATENT TRADEMARK OFFICE

PCTEL, Inc., certifies that it is the assignee of the entire right, title, and interest in the patent application identified above by virtue of an assignment. The undersigned, whose title is supplied below, is authorized to act on behalf of assignee (37 CFR §3.73(b)).

Signed this 7 day of October, 2003

  
 (Signature)

On behalf of PCTEL, Inc.

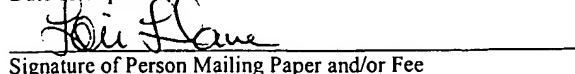
Rishi Bharadwaj  
 (Print Name)

Business Development Manager  
 (Title)

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on:

10/13/03  
 Date of Deposit

  
 Signature of Person Mailing Paper and/or Fee

Lori Llave  
 Typed or Printed Name of Person Mailing Paper and/or Fee

EXHIBIT A

**PATENT APPLICATION ASSIGNMENT AGREEMENT**

This Agreement is entered into as of May ~~14~~ 2003 ("Effective Date"), between PCTEL, Inc, a Delaware corporation ("Assignee"), and Integrated Telecom Express, Inc., a Delaware corporation ("Assignor"). All parties to this Agreement are domiciled in the United States of America.

Whereas, Assignors wish to assign all right, title and interest in and to the following patents: for good and valuable consideration pursuant to that certain May ~~14~~ 2003 Asset Purchase Agreement between the parties:

US Patent # 6,400,759  
US Patent # 6,233,250  
US Patent # 6,088,385  
US Patent # 6,345,072

US Patent Applications:

09789336  
10054410

→ 10054327 ←  
10054294

Foreign Patents and Applications:

Europe - PCT/US99/26944  
Japan - 2000-583203  
PCT - 9926944  
Europe - PCT/US/00/04430  
Japan - 2000-601756  
PCT - PCT/US/00/04430

(collectively the "Patents") and;

Now therefore the parties agree as follows:

Assignor hereby assigns all right, title and interest in and to the Patents, including any right to sue and recover for past and present infringement thereof, and to pursue any related litigation and past and present opposition proceedings based on or related to the Patents effective as of the Effective Date. Assignee hereby accepts such assignment.

FINAL—May 13, 2003

INTEGRATED TELECOM EXPRESS, INC. PCTEL, INC.

By: [Signature]

By: [Signature]

Name: James Williams

Name: Jeffrey A. Miller

Title: Chief Financial Officer

Title: VP Business Development

Date Signed: 5/14/03

Date Signed: 5/13/03

Executed this 14 day of May, 2003.

State of California )

) ss.

County of Santa Clara

On May 14, 2003, before me, Sandra Medeiros, Notary Public, personally appeared James Williams personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Sandra Medeiros



FINAL—May 13, 2003